

RAW SEQUENCE LISTING

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Application Serial Number: 10/584,692
Source: IFWO
Date Processed by STIC: 07/07/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 07/07/2006

PATENT APPLICATION: US/10/584,692

TIME: 14:54:41

Input Set : E:\X-16757.ST25.txt

Output Set: N:\CRF4\07072006\J584692.raw

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3 <110> APPLICANT: Applied Molecular Evolution
5 <120> TITLE OF INVENTION: Fc Region Variants
7 <130> FILE REFERENCE: X-16757
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/584,692
C--> 9 <141> CURRENT FILING DATE: 2006-06-22
9 <150> PRIOR APPLICATION NUMBER: 60/535,764
10 <151> PRIOR FILING DATE: 2004-01-12
12 <160> NUMBER OF SEQ ID NOS: 56
14 <170> SOFTWARE: PatentIn version 3.3
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 218
18 <212> TYPE: PRT
19 <213> ORGANISM: Human
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27 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
28 20 25 30
31 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
32 35 40 45
35 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
36 50 55 60
39 Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
40 65 70 75 80
43 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
44 85 90 95
47 Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
48 100 105 110
51 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu
52 115 120 125
55 Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
56 130 135 140
59 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
60 145 150 155 160
63 Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
64 165 170 175
67 Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
68 180 185 190
71 Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
72 195 200 205
75 Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
76 210 215
79 <210> SEQ ID NO: 2

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82 <213> ORGANISM: Human
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91          20          25          30
94 Val Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr
95          35          40          45
98 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
99          50          55          60
102 Gln Phe Asn Ser Thr Phe Arg Val Val Ser Val Leu Thr Val Val His
103 65          70          75          80
106 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
107          85          90          95
110 Gly Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Thr Lys Gly Gln
111          100          105          110
114 Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu Met
115          115          120          125
118 Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro
119          130          135          140
122 Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn
123 145          150          155          160
126 Tyr Lys Thr Thr Pro Pro Met Leu Asp Ser Asp Gly Ser Phe Phe Leu
127          165          170          175
130 Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val
131          180          185          190
134 Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln
135          195          200          205
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153 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
154          20          25          30
157 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe Lys Trp
158          35          40          45
161 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
162          50          55          60
165 Glu Gln Phe Asn Ser Thr Phe Arg Val Val Ser Val Leu Thr Val Leu
166 65          70          75          80
169 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
170          85          90          95

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173 Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Thr Lys Gly
174      100      105      110
177 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu
178      115      120      125
181 Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
182      130      135      140
185 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Ser Gly Gln Pro Glu Asn
186 145      150      155      160
189 Asn Tyr Asn Thr Thr Pro Pro Met Leu Asp Ser Asp Gly Ser Phe Phe
190      165      170      175
193 Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
194      180      185      190
197 Ile Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn Arg Phe Thr
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201 Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
202      210      215
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206 <211> LENGTH: 218
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217      20      25      30
220 Val Val Val Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe Asn Trp
221      35      40      45
224 Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
225      50      55      60
228 Glu Gln Phe Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
229 65      70      75      80
232 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
233      85      90      95
236 Lys Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
237      100      105      110
240 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln Glu Glu
241      115      120      125
244 Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
245      130      135      140
248 Pro Ser Asp Ile Ala Val Glu Trp Glx Ser Asn Gly Gln Pro Glu Asn
249 145      150      155      160
252 Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
253      165      170      175
256 Leu Tyr Ser Arg Leu Thr Val Asp Lys Ser Arg Trp Gln Glu Gly Asn
257      180      185      190
260 Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
261      195      200      205
264 Gln Lys Ser Leu Ser Leu Ser Leu Gly Lys
265      210      215

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269 <211> LENGTH: 215
270 <212> TYPE: PRT
271 <213> ORGANISM: Murine
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279 Asp Val Leu Thr Ile Thr Leu Thr Pro Lys Val Thr Cys Val Val Val
280 20 25 30
283 Asp Ile Ser Lys Asp Asp Pro Glu Val Gln Phe Ser Trp Phe Val Asp
284 35 40 45
287 Asp Val Glu Val His Thr Ala Gln Thr Gln Pro Arg Glu Glu Gln Phe
288 50 55 60
291 Asn Ser Thr Phe Arg Ser Val Ser Glu Leu Pro Ile Met His Gln Asp
292 65 70 75 80
295 Cys Leu Asn Gly Lys Glu Phe Lys Cys Arg Val Asn Ser Ala Ala Phe
296 85 90 95
299 Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Thr Lys Gly Arg Pro Lys
300 100 105 110
303 Ala Pro Gln Val Tyr Thr Ile Pro Pro Pro Lys Glu Gln Met Ala Lys
304 115 120 125
307 Asp Lys Val Ser Leu Thr Cys Met Ile Thr Asp Phe Phe Pro Glu Asp
308 130 135 140
311 Ile Thr Val Glu Trp Gln Trp Asn Gly Gln Pro Ala Glu Asn Tyr Lys
312 145 150 155 160
315 Asn Thr Gln Pro Ile Met Asp Thr Asp Gly Ser Tyr Phe Val Tyr Ser
316 165 170 175
319 Lys Leu Asn Val Gln Lys Ser Asn Trp Glu Ala Gly Asn Thr Phe Thr
320 180 185 190
323 Cys Ser Val Leu His Glu Gly Leu His Asn His His Thr Glu Lys Ser
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331 <210> SEQ ID NO: 6
332 <211> LENGTH: 218
333 <212> TYPE: PRT
334 <213> ORGANISM: Murine
336 <400> SEQUENCE: 6
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342 Lys Ile Lys Asp Val Leu Met Ile Ser Leu Ser Pro Ile Val Thr Cys
343 20 25 30
346 Val Val Val Asp Val Ser Glu Asp Asp Pro Asp Val Gln Ile Ser Trp
347 35 40 45
350 Phe Val Asn Asn Val Glu Val His Thr Ala Gln Thr Gln Thr His Arg
351 50 55 60
354 Glu Asp Tyr Asn Ser Thr Leu Arg Val Val Ser Ala Leu Pro Ile Gln
355 65 70 75 80
358 His Gln Asp Trp Met Ser Gly Lys Glu Phe Lys Cys Lys Val Asn Asn

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359          85          90          95
362 Lys Asp Leu Pro Ala Pro Ile Glu Arg Thr Ile Ser Lys Pro Lys Gly
363          100          105          110
366 Ser Val Arg Ala Pro Gln Val Tyr Val Leu Pro Pro Pro Glu Glu Glu
367          115          120          125
370 Met Thr Lys Lys Gln Val Thr Leu Thr Cys Met Val Thr Asp Phe Met
371          130          135          140
374 Pro Glu Asp Ile Tyr Val Glu Trp Thr Asn Asn Gly Lys Thr Glu Leu
375 145          150          155          160
378 Asn Tyr Lys Asn Thr Glu Pro Val Leu Asp Ser Asp Gly Ser Tyr Phe
379          165          170          175
382 Met Tyr Ser Lys Leu Arg Val Glu Lys Lys Asn Trp Val Glu Arg Asn
383          180          185          190
386 Ser Tyr Ser Cys Ser Val Val His Glu Gly Leu His Asn His His Thr
387          195          200          205
390 Thr Lys Ser Phe Ser Arg Thr Pro Gly Lys
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395 <211> LENGTH: 218
396 <212> TYPE: PRT
397 <213> ORGANISM: Murine
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406          20          25          30
409 Val Val Val Asp Val Ser Glu Asp Asp Pro Asp Val Gln Ile Ser Trp
410          35          40          45
413 Phe Val Asn Asn Val Glu Val His Thr Ala Gln Thr Gln Thr His Arg
414          50          55          60
417 Glu Asp Tyr Asn Ser Thr Ile Arg Val Val Ser His Leu Pro Ile Gln
418 65          70          75          80
421 His Gln Asp Trp Met Ser Gly Lys Glu Phe Lys Cys Lys Val Asn Asn
422          85          90          95
425 Lys Asp Leu Pro Ser Pro Ile Glu Arg Thr Ile Ser Lys Pro Lys Gly
426          100          105          110
429 Leu Val Arg Ala Pro Gln Val Tyr Thr Leu Pro Pro Pro Ala Glu Gln
430          115          120          125
433 Leu Ser Arg Lys Asp Val Ser Leu Thr Cys Leu Val Val Gly Phe Asn
434          130          135          140
437 Pro Gly Asp Ile Ser Val Glu Trp Thr Ser Asn Gly His Thr Glu Glu
438 145          150          155          160
441 Asn Tyr Lys Asp Thr Ala Pro Val Leu Asp Ser Asp Gly Ser Tyr Phe
442          165          170          175
445 Ile Tyr Ser Lys Leu Asn Met Lys Thr Ser Lys Trp Glu Lys Thr Asp
446          180          185          190
449 Ser Phe Ser Cys Asn Val Arg His Glu Gly Leu Lys Asn Tyr Tyr Leu
450          195          200          205
453 Lys Lys Thr Ile Ser Arg Ser Pro Gly Lys

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/584,692

DATE: 07/07/2006

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Input Set : E:\X-16757.ST25.txt

Output Set: N:\CRF4\07072006\J584692.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date